

What causes an eclipse of the sun?

Lesson Review

Write *true* if the statement is true. If the statement is false, change the underlined term to make the statement true. Write your answer in the space provided.

- _____ 1. Eclipses are caused by the Earth's orbit.
- _____ 2. People standing in the moon's umbra see a total solar eclipse.
- _____ 3. During a solar eclipse, the Earth moves in between the moon and the sun and casts a shadow on the moon.
- _____ 4. The darker part of the moon's shadow is called the penumbra.
- _____ 5. A lunar eclipse occurs when the moon moves between the Earth and the sun and casts a shadow on the Earth.
- _____ 6. Total solar and lunar eclipses occur several times a year.
- _____ 7. Anyone on the nighttime side of Earth can see a lunar eclipse.
- _____ 8. The umbra is the lighter part of the moon's shadow that surrounds the darker shadow.
- _____ 9. You are more likely to see a total lunar eclipse in your lifetime.
- _____ 10. People standing in the moon's penumbra see a total solar eclipse.

Skill Challenge

Use the labels in the box to identify each of the lettered parts of the drawing. Write your labels in the spaces provided.

sun	moon	Earth	umbra	penumbra
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- A. _____
- B. _____
- C. _____
- D. _____
- E. _____

